

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A solar cell module edge face sealing member for, where solar cell module construction is such that one or more solar cell module bodies are captured within one or more frame bodies, sealing one or more gaps between at least one of the solar cell module body or bodies and at least one of the frame body or bodies, comprising:

the edge face sealing member being frame-like in shape and formed in substantially parallel fashion with respect to one or more outer shapes of at least one of the solar cell module body or bodies;

the edge face sealing member is substantially C-shaped in cross section and/or substantially U-shaped in cross section;

the edge face sealing member comprises one or more upper sealing regions abutting one or more front surfaces of at least one of the solar cell module body or bodies;

the edge face sealing member further including one or more lower sealing regions abutting one or more back surfaces of at least one of the solar cell module body or bodies;

the edge face sealing member further including one or more side sealing regions abutting one or more edge faces of at least one of the solar cell module body or bodies;

the upper sealing region and the lower sealing region being disposed so as to open to the outside therefrom at either side from edge portions of the side sealing region; ~~and~~

the edge face sealing member capturing at least one of the solar cell module body or bodies along substantially the entire edge portion perimeter thereof, and with these in this state, being captured within at least one of the frame body or bodies; and

wherein tip portions of the upper sealing region and the lower sealing region are formed in a bent fashion so as to be inclined toward a groove recess, and wherein a distance between said tip portions is substantially the same as or is somewhat less than a thickness of the edge portion of the solar cell module body or bodies.

2. (Canceled)

3. (Previously presented) A solar cell module edge face sealing member according to claim 1 wherein at least one of the lower sealing region or regions is longer than at least one of the upper sealing region or regions.

4. (Previously presented) A solar cell module edge face sealing member according to claim 1 wherein:

at least one surface of at least one of the upper sealing region or regions and at least one surface of at least one of the lower sealing region or regions face each other; and

one or more projections are formed on each of at least two respectively facing surfaces among the upper and lower sealing region surfaces which face each other.

5. (Previously presented) A solar cell module edge face sealing member according to claim 4 wherein at least one of the projection or projections comprises one or more single-rib or multiple-rib regions formed in parallel fashion with respect to one or more perimeter edge portions of at least one of the solar cell module body or bodies.

6. (Original) A solar cell module edge face sealing member according to claim 4 wherein one or more tip portions of at least one of the lower sealing region or regions and at least one of the upper sealing region or regions are disposed in inclined fashion at respectively facing sealing region surfaces.

7. (Original) A solar cell module edge face sealing member according to claim 1 wherein at least one of the solar cell module body or bodies is of integrally laminated superstrate construction such that laminated in order over one or more light-receiving glass surfaces constituting one or more front surfaces there are:

one or more light-receiving-surface sealing resin layers comprising ethylene vinyl acetate;

one or more solar cells;

one or more back-surface sealing resin layers comprising ethylene vinyl acetate; and

one or more weather-resistant back-surface sealing films.

8. (Original) A solar cell module edge face sealing member according to claim 7 wherein at least one material making up the edge face sealing member is elastomer resin.

9. (Original) A solar cell module edge face sealing member according to claim 8 wherein the elastomer resin comprises one or more polypropylenic and/or polystyrenic resins.

10. (Previously presented) A solar cell module edge face sealing member according to claim 9 wherein:

at least one of the polypropylenic elastomer resin or resins is a PP-EPDM copolymer; and
at least one of the polystyrenic elastomer resin or resins is polystyrene - isoprene
copolymer.

11. (Previously presented) A solar cell module edge face sealing member according to
claim 9 wherein the elastomer resin comprises one or more additives of porous structure
preventing yellowing of at least one of the sealing resin layer or layers.

12. (Original) A solar cell module edge face sealing member according to claim 11
wherein at least one of the additive or additives is magnesium silicate.

13. (Original) A solar cell module edge face sealing member according to claim 12
wherein at least one of the additive or additives further comprises one or more ultraviolet-
resistant agents.

14. (Currently amended) A solar cell module comprising:
one or more solar cell module bodies captured within one or more frame bodies, wherein:
one or more edge face sealing members, frame-like in shape, are formed in substantially
parallel fashion with respect to one or more outer shapes of at least one of the solar cell module
body or bodies;
the edge face sealing member is substantially C-shaped in cross section and/or
substantially U-shaped in cross section;

the edge face sealing member comprises one or more upper sealing regions abutting one or more front surfaces of at least one of the solar cell module body or bodies;

the edge face sealing member further including one or more lower sealing regions abutting one or more back surfaces of at least one of the solar cell module body or bodies;

the edge face sealing member further including one or more side sealing regions abutting one or more edge faces of at least one of the solar cell module body or bodies;

the upper sealing region and the lower sealing region being disposed so as to open to the outside therefrom at either side from edge portions of the side sealing region; ~~and~~

at least one of the edge face sealing member or members capturing at least one of the solar cell module body or bodies along substantially the entire edge portion perimeter thereof, and with these in this state, being captured within at least one of the frame body or bodies; and

wherein tip portions of the upper sealing region and the lower sealing region are formed in a bent fashion so as to be inclined toward a groove recess, and wherein a distance between said tip portions is substantially the same as or is somewhat less than a thickness of the edge portion of the solar cell module body or bodies.

15. (Original) A solar cell module according to claim 14 wherein at least one of the solar cell module body or bodies is of integrally laminated superstrate construction such that laminated in order over one or more light-receiving glass surfaces constituting one or more front surfaces there are:

one or more light-receiving-surface sealing resin layers comprising ethylene vinyl acetate;

one or more solar cells;

one or more back-surface sealing resin layers comprising ethylene vinyl acetate; and
one or more weather-resistant back-surface sealing films.

16. (Previously presented) A solar cell module edge face sealing member of claim 1,
wherein the edge portions of the side sealing region are curved.

17. (Previously presented) A solar cell module edge face sealing member of claim 1,
wherein the edge portions of the side sealing region are cut diagonally so as to produce
chamfered surfaces.

18. (Previously presented) The solar cell module edge face sealing member structure of
claim 1, comprising at least one projection extending inwardly from an interior surface of each of
the sidewalls, and wherein the respective tip portions extend further inwardly than do the
respective projections when the solar cell module body and edge face sealing member are in a
state where they have not yet been provided in the frame body.

19. (Previously presented) A solar cell module edge face sealing member structure
comprising:

at least one solar cell module body adapted to be provided in at least one frame body,
an edge face sealing member adapted to be located at least partially between the frame
body and the solar cell module body, the edge face sealing member for sealing one or more gaps
between the frame body and the solar cell module body;

the edge face sealing member being frame-like in shape and formed in a substantially parallel fashion with respect to one or more outer shapes the solar cell module body;

the edge face sealing member encapsulating the solar cell module body along substantially the entire edge portion perimeter of the solar cell module body;

wherein the edge face sealing member is substantially U-shaped and has first and second sidewalls which are connected to each other via a bottom wall, and wherein each of the sidewalls includes a distal end tip portion that is angled relative to a main body of the sidewall so that the tip portions angle inwardly toward and contact the solar cell module body when the solar cell module body and edge face sealing member are in a state where they have not yet been provided in the frame body.